DVTel HD Elite Low Profile Mini-Dome Camera – Quick Install Guide

Camera Appearance

The HD Elite Low Profile Mini-Dome is a compact vandal resistant design with IP66 weather resistance when ceiling mounted and requires 802.3af POE power to operate. The camera uses the latest HD sensor technology to produce full HD1080 at 15 FPS or HD720 at 30 FPS at extremely low bandwidth and storage costs due to the efficient use of H.264.

Camera Preparation:

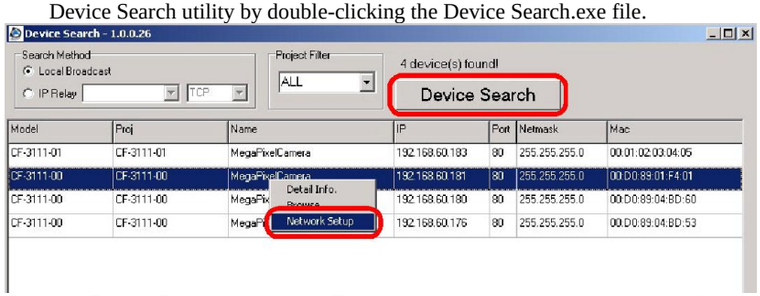
Using the provided tool remove the 2 tamper-resistant screws holding the cover to the camera base and set the cover aside until after the camera has been mounted. There are 3 locking screws internally to fix the pan angle, tilt angle and focus adjustment and these should be loosened slightly before adjusting these positions.

The integrated 4mm HD lens provides excellent image quality with approximately 90 degrees field of view which should work for most applications. It is not recommended to change the lens because the sensor and lens are performance matched for the best overall HD viewing.

B. Camera Configuration

NOTE: *It is recommended to perform the basic network set up before installing the camera. This allows the installer to quickly check that the camera is functioning as expected using the web interface before installation.*
To configure the device, use the HD Classic / Elite Device Search tool provided on the CD or from the Unified Configurator in Latitude AdminCenter under the "Applications" tab.

1. After connecting the HD Elite camera to a POE power source check the power LED is lit at the rear of the camera just inside of the cable opening. Start the Device Search utility by double-clicking the Device Search.exe file.



Once the Device Search appears, the Discovery process can be started by clicking the Device Search Button. The discovered HD Classic / Elite cameras appear in the Unit Management pane.

2. In the Unit Management pane, click on the desired camera, then right-click and select Network Setup.
3. Click "Static IP"
4. In the IP address field, enter the IP address of the camera.
5. In the Subnet Mask field, enter the subnet mask of the camera.
6. In the Gateway IP field, enter the gateway IP address of the camera.
7. Click **Apply**.

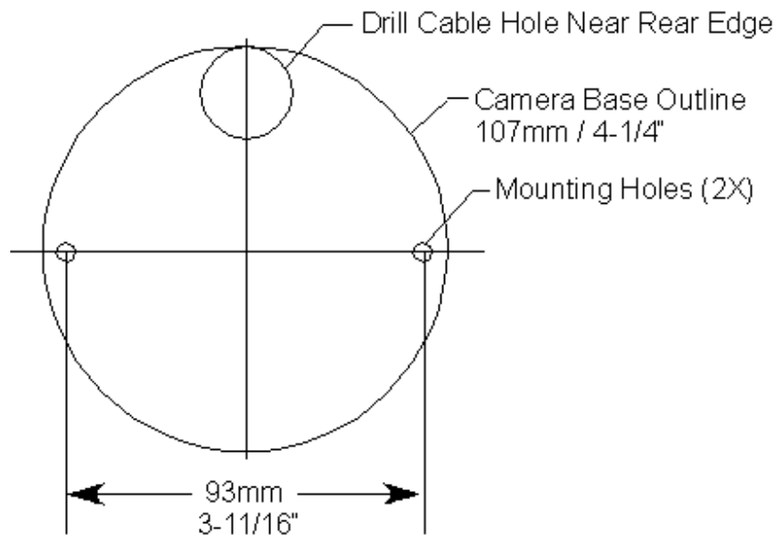
C. Accessing the Camera

NOTE: *The web interface is useful for checking and focusing the camera during the installation, however once the camera has an IP address it can be discovered and configured from the Latitude AdminCenter. Changing settings from the browser could make the camera unavailable for critical viewing and recording.*

1. Using Internet Explorer, enter the IP address of the camera in the URL address box.
Note: The browser may ask to install an activeX the first time.
2. Enter the Log-in: User: "Admin" Password: "1234"
3. The video should appear in the browser window
4. Click the "Camera" tab at the top to adjust camera settings.
5. Click the "Streaming" tab to set basic encoder settings and image rotation.

D. Mounting

Mounting considerations: The HD Elite Low Profile Mini-Dome camera is designed for direct ceiling surface mounting applications. The Network cable can be directed along the ceiling line or straight up through the ceiling for a concealed cable installation. If the cable is to go up through the ceiling, a hole must be pre-drilled in the ceiling very near the rear edge of the camera as shown in the illustration.



Note: The camera can be held in position and a fine pencil can be used to trace the outline and mark the mounting holes. The large cable access hole must be inside of the base outline for complete concealment.